L Number	Hits	Search Text	DB	Time stamp
-	3736	422/100	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/20 13:16
-	1	83/866-868	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/20 13:16
-	295	73/863.41	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/20 13:16
-	2316	(422/100).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/20 13:16
-	482	(83/266-268).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/20 13:16
-	0	("(tip or blade) near z-shaped").PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/20 13:17
-	147	(73/863.41).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/20 13:17
-	36	(tip or blade) near z-shaped	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/20 14:38
-	46	(tip or blade) near (z near shaped)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/20 13:26
-	10	((tip or blade) near (z near shaped)) not ((tip or blade) near z-shaped)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/20 13:27

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	Hits	Search Query	DBs	Date
-	1385	(422/99).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/20 13:27
-	19	422/100 and (piercer or penetrator or perforator or puncher)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/20 13:38
-	0	((73/863.41).CCLS.) and (piercer or penetrator or perforator or puncher)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/20 13:28
-	14	((422/100).CCLS.) and (piercer or penetrator or perforator or puncher)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/20 13:29
-	1	((83/266-268).CCLS.) and (piercer or penetrator or perforator or puncher)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/20 13:33
-	9	((422/99).CCLS.) and (piercer or penetrator or perforator or puncher)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/20 13:30
-	449	((422/99) or (422/100) or (83/866-868) or (73/863.41)).CCLS.	USOCR	2003/03/20 14:21
-	13	(tip or blade) near z-shaped	USOCR	2003/03/20 13:34
-	4	(((422/99) or (422/100) or (83/866-868) or (73/863.41)).CCLS.) and (piercer or penetrator or perforator or puncher)	USOCR	2003/03/20 13:38
-	632	(73/864.21-864.25).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/20 13:40
-	5	((73/864.21-864.25).CCLS.) and (piercer or penetrator or perforator or puncher)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/20 13:56
-	75	(73/864.21-864.25).CCLS.	USOCR	2003/03/20 13:40
-	0	((73/864.21-864.25).CCLS.) and (piercer or penetrator or perforator or puncher)	USOCR	2003/03/20 13:40
-	10	("1944963" | "2168500" | "2359641" | "2428103" | "2515965" | "2601785" | "2761560" | "3435685" | "3603458" | "3878726").PN.	USPAT	2003/03/20 13:41

#	Hits	Search Query	DBs	Date/Time
-	33	("1879820" | "2189587" | "2873850" | "3188280" | "3738527" | "4015940" | "4021124" | "4094641" | "4106907" | "4221303" | "4272478" | "4624835" | "4628036" | "4758409" | "4832916" | "4873633" | "4878597" | "D310264" | "4968486" | "4982872" | "4997691" | "D318727" | "5030421" | "5038852" | "5038958" | "5150812" | "5203470" | "5236666" | "D342028" | "5310527" | "5344036" | "5344045").PN.	USPAT	2003/03/20 13:41
-	0	6350412.URPN.	USPAT	2003/03/20 13:42
-	15	("3991627" | "4387076" | "4478095" | "4713218" | "4861553" | "4928539" | "4951512" | "4962041" | "5045286" | "5240679" | "5413000" | "5455007" | "5483843" | "5517867" | "5728954").PN.	USPAT	2003/03/20 13:42
-	0	("2855929" | "3991627" | "4475411" | "4577514" | "4662231" | "4665758" | "4721137" | "4951512" | "4962041" | "5212992" | "5728954").PN.	USPAT	2003/03/20 13:44
-	12	6274087.URPN.	USPAT	2003/03/20 13:44
-	4	5935523.URPN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/20 13:45
-	101	block and (blade or tip) and trigger and actuator and lock$3 and (gear near rack)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/20 13:48
-	490	(83/875).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB; USOCR	2003/03/20 17:24
-	25	block and (blade or tip) and trigger and actuator and lock$3 and (gear near rack)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/20 13:55
-	1	((83/875).CCLS.) and (piercer or penetrator or perforator or puncher)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/20 14:06
-	3716	g01n003/00.ipc.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/20 14:08
-	6	g01n003/00.ipc. and (piercer or penetrator or perforator or puncher)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/20 14:18
-	9547	g01n001/00.ipc.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/20 14:08
-	7	g01n001/00.ipc. and (piercer or penetrator or perforator or puncher)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/20 14:14

	Hits	Search Query	Databases	Date/Time
-	2779	(piercer or penetrator or perforator or puncher).ti.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/20 14:14
-	59	farren.in.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/20 14:18
-	0	beckmam.as.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/20 14:18
-	3259	beckman.as.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/20 14:22
-	0	beckman.as. and (piercer or penetrator or perforator or puncher)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/20 14:23
-	580	g01n001/00.ipc. and (piercer or penetrator or perforator or puncher)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/20 14:21
-	3701	((422/99) or (422/100) or (83/866-868) or (73/863.41)).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/20 14:33
-	839	(((422/99) or (422/100) or (83/866-868) or (73/863.41)).CCLS.) and (pierc$3 or penetrat$3 or perforat$3 or punch$3)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/20 14:24
-	107	(((422/99) or (422/100) or (83/866-868) or (73/863.41)).CCLS.) and (pierc$3 or penetrat$3 or perforat$3 or punch$3)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB; USOCR	2003/03/20 14:21
-	177	beckman.as. and (pierc$3 or penetrat$3 or perforat$3 or punch$3)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/20 14:22
-	1327	beckman adj (instruments or coulter).as.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/20 14:23

	Hits	Search Query	Databases	Date/Time
-	0	(beckman adj (instruments or coulter).as.) and (piercer or penetrator or perforator or puncher)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/20 14:23
-	122	(beckman adj (instruments or coulter).as.) and (pierc$3 or penetrat$3 or perforat$3 or punch$3)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/20 14:28
-	1786586	medical laboratory automation, inc.as.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/20 14:29
-	34	(medical adj laboratory adj automation).as.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/20 14:30
-	174	(((422/99) or (422/100) or (83/866-868) or (73/863.41)).CCLS.) and (tooth or tooth)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/20 14:35
-	31	(((422/99) or (422/100) or (83/866-868) or (73/863.41)).CCLS.) and (teeth or tooth)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/20 14:35
-	188	(((422/99) or (422/100) or (83/866-868) or (73/863.41)).CCLS.) and (teeth or tooth or (gear adj rack))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/20 14:36
-	0	(tip or blade) near zigzagg$2	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/20 16:01
-	3	(tip or blade) near zigzagg$2	IBM_TDB; DERWENT; EPO; JPO; US-PGPUB; USPAT; USOCR	2003/03/20 17:26
-	34	(((422/99) or (422/100) or (83/866-868) or (73/863.41)).CCLS.) and (teeth or tooth or (gear adj rack))	USOCR	2003/03/20 14:45
-	2370	corkscrew	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/20 15:53
-	538	corkscrew.ti.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/20 17:04
-	2	("4580303" | "4584911").PN.	USPAT; IBM_TDB; DERWENT; EPO; JPO; US-PGPUB; USPAT	2003/03/20 15:59
-	10	4759238.URPN.	USPAT	2003/03/20 16:00

		Query	Databases	Date/Time
–	0	(tip or blade) near (z adj cross-section)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/20 16:02
–	0	(perforat$3 or punch$3) near (z adj cross-section)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/20 16:03
–	846	(7/151-156).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/20 16:07
–	16	corkscrew.ti.	USPAT; US-PGPUB; USOCR; EPO; JPO; DERWENT; IBM_TDB	2003/03/20 17:05
–	162	(28/115).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/20 17:06
–	490	(83/875).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/20 17:24
–	208	(83/879).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/20 17:24
–	0	((83/879).CCLS.) and (z-shap$2 or (z adj shape$2))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/20 17:25
–	83	(tip or blade) near zigzag$3	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/20 17:28
–	20	(tip or blade) near zigzag$3	USPAT; USOCR; IBM_TDB	2003/03/20 17:27
–	14	villa-real.in.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/20 17:41
–	2361	needle and (z-shap$2 or (z adj shape$2) or zigzag$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/21 10:50

		Query	DBs	Date/Time
-	926	needle with (z-shap$2 or (z adj shap$2) or zigzag$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/20 17:43
-	58	needle near (z-shap$2 or (z adj shap$2) or zigzag$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/20 17:45
-	85	422/50-104.ccls. and (z-shap$2 or (z adj shap$2) or zigzag$4)	USPAT; US-PGPUB; USOCR; EPO; JPO; DERWENT; IBM_TDB	2003/03/20 17:51
-	8	422/50-104.ccls. and (z-shap$2 or (z adj shap$2) or zigzag$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/20 17:46
-	312	73/$.ccls. and (z-shap$2 or (z adj shap$2) or zigzag$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/20 17:56
-	181	600/$.ccls. and (z-shap$2 or (z adj shap$2) or zigzag$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/20 17:56
-	37	(600/$.ccls. and (z-shap$2 or (z adj shap$2) or zigzag$4)) and needle	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/20 17:57
-	2081	cut$4 with (z-shap$2 or (z adj shap$2) or zigzag$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/21 10:52
-	345	cut$4 near (z-shap$2 or zigzag$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/21 11:10
-	370	cut$4 near (z-shap$2 or (z adj shap$2) or zigzag$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/21 11:14
-	6	(cut$4 near (z-shap$2 or (z adj shap$2) or zigzag$4)) with (cap or lid or cover)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/21 11:18
-	2	(cut$4 near (z-shap$2 or (z adj shap$2) or zigzag$4)) with (cap or lid or cover)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB; USOCR	2003/03/21 11:22

Hits	Search Query	DBs	Date/Time
0	(stamp$4 near (z-shap$2 or (z adj shap$2) or zigzag$4)) with (cap or lid or cover)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/21 11:23
0	(stamp$4 near (z-shap$2 or (z adj shap$2) or zigzag$4)) with (cap or lid or cover)	USOCR	2003/03/21 13:47
0	(razor near (z-shap$2 or (z adj shap$2) or zigzag$4))	IBM_TDB; DERWENT; EPO; JPO; US-PGPUB; USPAT	2003/03/21 13:47
0	(sword near (z-shap$2 or (z adj shap$2) or zigzag$4))	USOCR	2003/03/21 13:49
0	(sword with (z-shap$2 or (z adj shap$2) or zigzag$4))	USOCR	2003/03/21 13:49
3	(sword near (z-shap$2 or (z adj shap$2) or zigzag$4))	IBM_TDB; DERWENT; EPO; JPO; US-PGPUB; USPAT	2003/03/21 13:52
1	(razor with (z-shap$2 or (z adj shap$2) or zigzag$4))	USOCR	2003/03/21 13:53
8	(razor near (z-shap$2 or (z adj shap$2) or zigzag$4))	IBM_TDB; DERWENT; EPO; JPO; US-PGPUB; USPAT; USOCR	2003/03/21 13:56
4	(punch$3 near (z-shap$2 or (z adj shap$2) or zigzag$4))	USOCR	2003/03/21 13:59
34	(punch$3 near (z-shap$2 or (z adj shap$2) or zigzag$4))	IBM_TDB; DERWENT; EPO; JPO; US-PGPUB; USPAT	2003/03/21 14:02
4	(punch$3 near (z-shap$2 or (z adj shap$2) or zigzag$4))	USOCR	2003/03/21 14:03
76	(punch$3 with (z-shap$2 or (z adj shap$2) or zigzag$4))	USPAT; DERWENT; EPO; JPO; US-PGPUB; USPAT; IBM_TDB	2003/03/21 14:04
246	(punch$3 with (z-shap$2 or (z adj shap$2) or zigzag$4))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/21 14:04
2	20020179.did.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/21 18:38
0	gooddale.in.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/21 18:38

	Hits	Query	Databases	Date/Time
-	112	goodale.in.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/21 18:42
-	4	("3883305").PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/21 18:42
-	0	(("3883305").PN.) and spring	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/21 18:43
-	45	422/50-104.ccls. and (gear adj rack)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/21 18:49
-	9082	(422/50-104.ccls. and spring and teeth) and (gear adj rack))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/21 18:48
-	4	(422/50-104.ccls. and spring and teeth) and (422/50-104.ccls. and (gear adj rack))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/21 18:48
-	68	422/50-104.ccls. and spring and teeth	USOCR	2003/03/21 18:49
-	6	422/50-104.ccls. and (gear adj rack)	USOCR	2003/03/21 18:49
-	2	(422/50-104.ccls. and spring and teeth) and (gear adj rack)	USOCR	2003/03/21 18:50
-	304	422/50-104.ccls. and spring and teeth	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/21 19:30
-	68	422/50-104.ccls. and spring and teeth	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/21 19:27
-	2319	73/$.ccls. and spring and teeth	USOCR	2003/03/21 19:27
-	657	73/$.ccls. and (spring with teeth)	USOCR	2003/03/21 19:28
-	216	73/$.ccls. and (spring with teeth)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/21 19:29
-	29	436/180.ccls. and spring and teeth	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/21 19:31
-	4	("4737344" | "4785677" | "5055263" | "5055408").PN.	USPAT; IBM_TDB	2003/03/21 19:33